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Atty. Dkt. No. 040563-0169



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David G. Grier et al.

Title: OPTICAL PERISTALTIC
PUMPING WITH OPTICAL
TRAPS

Appl. No.: 10/651,370

Filing Date: August 29, 2003

Examiner: Jack I. Berman

Art Unit: 2881

<p align="center">CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Mail Stop Non-Fee Amendment, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date below.</p> <p align="center">Anna M. Hanson (Printed Name)</p> <p align="center"><i>anna m. hanson</i> (Signature)</p> <p align="center">May 20, 2004 (Date of Deposit)</p>

AMENDMENT TRANSMITTAL

Mail Stop NON-FEE AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

☒ Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a previous assertion of Small Entity status.

☐ Assertion of Small Entity status is enclosed.

☒ The fee required for additional claims is calculated below:

	Claims As Amended		Previously Paid For		Extra Claims Present		Rate		Additional Claims Fee
Total Claims:	16	-	34	=	0	x	\$18.00	=	\$0.00
Independent	3	-	4	=	0	x	\$84.00	=	\$0.00

Claims:

First presentation of any Multiple Dependent Claims: + \$280.00 = \$0.00

CLAIMS FEE TOTAL = \$0.00

- ☐ Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

<input type="checkbox"/> Extension for response filed within the first month:	\$110.00	\$0.00
<input type="checkbox"/> Extension for response filed within the second month:	\$410.00	\$0.00
<input type="checkbox"/> Extension for response filed within the third month:	\$930.00	\$0.00
<input type="checkbox"/> Extension for response filed within the fourth month:	\$1,450.00	\$0.00
<input type="checkbox"/> Extension for response filed within the fifth month:	\$1,970.00	\$0.00
EXTENSION FEE TOTAL:		\$0.00
<input type="checkbox"/> Statutory Disclaimer Fee under 37 C.F.R. 1.20(d):	\$110.00	\$0.00
CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL:		\$0.00
<input checked="" type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):		\$0.00
TOTAL FEE:		\$0.00

- ☐ Please charge Deposit Account No. 06-1450 in the amount of \$0.00. A duplicate copy of this transmittal is enclosed.

- ☐ A check in the amount of \$0.00 is enclosed.

- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such

extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to
Deposit Account No. 06-1450.

Please direct all correspondence to the undersigned attorney or agent at the address
indicated below.

Respectfully submitted,

Date: May 20, 2004

FOLEY & LARDNER LLP

Customer Number: 27433

Telephone: (312) 832-4586

Facsimile: (312) 832-4700

By

A handwritten signature in black ink, appearing to read "Michael D. Rehtin", written over a horizontal line.

Michael D. Rehtin

Attorney for Applicant

Registration No. 30,128



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Anna M. Hanson (Printed Name)
<i>anna m. hanson</i> (Signature)
May 20, 2004 (Date of Deposit)

AMENDMENT AND REPLY UNDER 37 CFR 1.111

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Office Action dated February 20, 2004,
concerning the above-referenced patent application.

Remarks/Arguments begin on page 5 of this document.

Please amend the application as follows: